

## Malden

17 Pleasant Street, 2<sup>nd</sup> Floor  
Malden, MA 02148  
Phone 781-397-7086  
Fax 781-397-7358

### Board Members

Warren Atkinson, Jr. (Chairperson),  
Douglas Eisnor, Dominic Fermano,  
Gregory Lucey, Charles Ranaghan

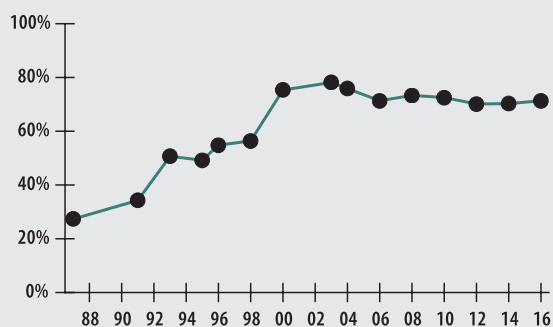
### Board Administrator

James M. Ryan

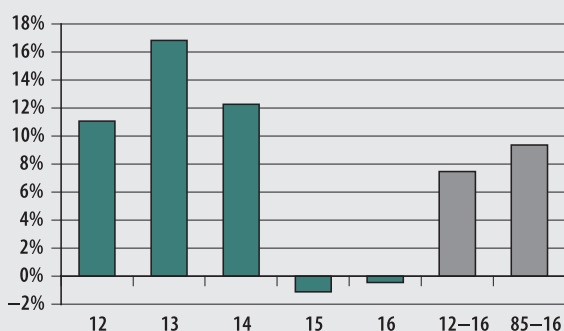
### Board Meeting

Third Wednesday of each month

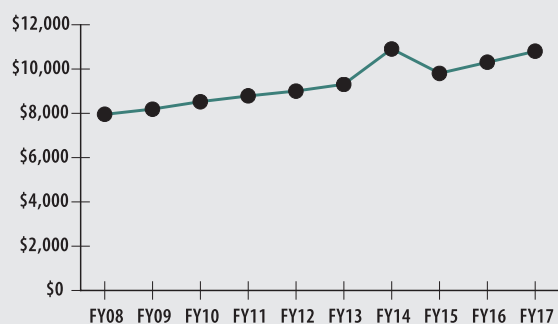
### FUNDED RATIO (1987-2016)



### INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES)



### 10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



### INVESTMENT RETURN HISTORY

#### 32 years 2016

9.36%

#### 31 years 2015

9.70%

#### 30 years 2014

10.08%

#### 10 years 2016

6.04%

#### 10 years 2015

7.02%

#### 10 years 2014

8.29%

#### 5 years 2016

7.49%

#### 5 years 2015

8.29%

#### 5 years 2014

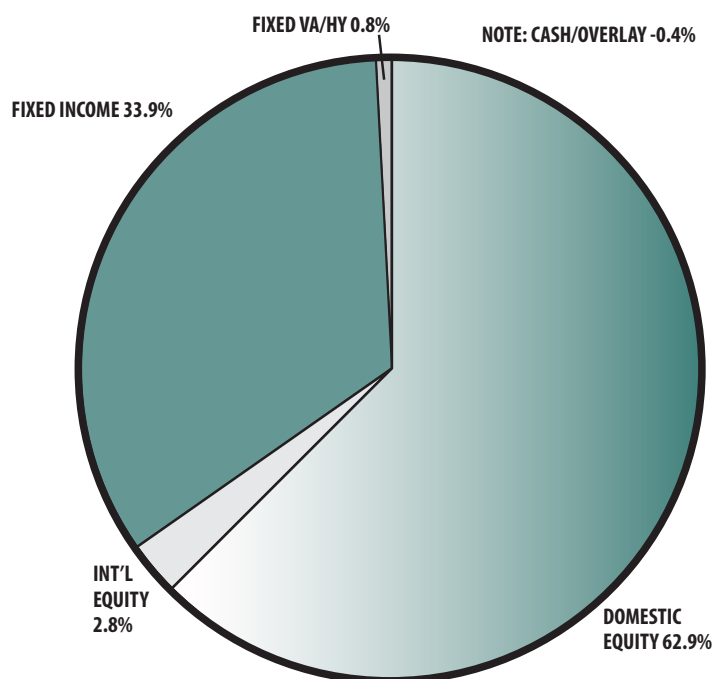
11.18%

## ACTUARIAL

▶ Funded Ratio	71.3%
▶ Date of Last Valuation	01/16
▶ Actuary	PERAC
▶ Assumed Rate of Return	7.50%
▶ Funding Schedule	5.69% Total Increasing
▶ Year Fully Funded	2030
▶ Unfunded Liability	\$90.8 M
▶ Total Pension Appropriation (Fiscal 2017)	\$10.8 M

	ACTIVE	RETIRED
▶ Number of Members	769	678
▶ Total Payroll/Benefit	\$39.9 M	\$18.6 M
▶ Average Salary/Benefit	\$51,800	\$27,400
▶ Average Age	49	73
▶ Average Service	13.3 years	NA

## ASSET ALLOCATION (12/31/16)



## EARNED INCOME OF DISABILITY RETIREES (2015)

▶ Number of Disability Retirees	88
▶ Number Who Reported Earnings	26
▶ Number of Excess Earners	1
▶ Total Amount of Refund Due	\$22,453.15

▶ 2016 Return	-.43%
▶ 2016 Market Value	\$214.6M
▶ 2012-2016 (Annualized)	7.49%
▶ 1985-2016 (Annualized)	9.36%